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CONVERSION OF THE FORMER FRENCH MISSION BUILDING FOR ACCOMMODATION USE BY LAW-RELATED ORGANISATIONS AND RELATED PURPOSES

**IEC MONTHLY AUDIT REPORT (SEPTEMBER 2019)** 



# CONVERSION OF THE FORMER FRENCH MISSION BUILDING FOR ACCOMMODATION USE BY LAW-RELATED ORGANISATIONS AND RELATED PURPOSES

#### **IEC MONTHLY AUDIT REPORT FOR SEPTEMBER 2019**

Revision **1.0** 

Date 15/10/2019

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Approved by Ray Yan

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### **EXECUTIVE SUMMARY**

Ramboll Hong Kong Limited has been commissioned by the Architectural Service Department (ArchSD) as the Independent Environmental Checker (IEC) under the Environmental Permit no. EP-518/2016 (EP) to audit the implementation of all mitigation measures and Environmental Monitoring and Audit (EM&A) programme recommended in the EP and Project Profile (Register No.: PP-535/2016) as well as to confirm in writing in the monthly audit report full implementation of the measures and EM&A programme.

Construction works were undertaken during this reporting month since 1 July 2018.

This is the 15<sup>th</sup> IEC Monthly Audit Report prepared and submitted under Condition 2.3 of the EP.

# **Implementation of Mitigation Measures**

One site inspection was carried out by IEC on 23 September 2019 in the reporting month. The inspection finding is summarized in **Section 3.1.2**.

The status of implementation of mitigation measures is presented in **Appendix A**.

## **Air Quality and Noise Monitoring**

Impact monitoring for air quality (1-hr TSP) and noise were required according to the Contract Particular Specification of the Project.

No Action and Limit Level exceedances of 1-hr TSP were recorded at air monitoring stations – A, B, C and D the reporting month.

No Action and Limit Level exceedances of noise were recorded at noise monitoring stations – A, B, C and D in the reporting month.

# Record of Environmental Complaint, Notification of Summons and Successful Prosecution

1

No environmental complaint was received in the reporting month.

No notification of summons or successful prosecution was received in the reporting month.



# 1. INTRODUCTION

#### 1.1 Background

- 1.1.1 The conversion of the former French Mission Building (FMB) for Accommodation use by law-related organisations (LROs) and related purposes, which hereinafter is referred to as the "Project", has an objective to convert the former FMB into general office accommodation and ancillary facilities with central air-condition system.
- 1.1.2 The Project is located at No.1, Battery Path, Central, and the Project site covers a footprint of about 1,364 m<sup>2</sup>.
- 1.1.3 The purpose of the Project includes the following:
  - To renovate and enhance the FMB to meet the needs of LROs and related purposes;
  - To upgrade the FMB in order to comply with the prevailing statutory requirements without compromising the conservation principles; and
  - To restore the Building to the French Mission era dating back in 1919 based on available records, while the history of CFA will be displayed by means of interpretation so as to enhance the understanding of the cultural significance of FMB.
- 1.1.4 Given the status of FMB being a declared monument under the Antiquities and Monuments Ordinance since 1989, the Project constitutes a Designated Project under item Q.1, Part I, Schedule 2 of the Environmental Impact Assessment Ordinance (EIAO). An Environmental Permit no. EP-518/2016 (EP) has been issued to the Department of Justice (DoJ) on 26 July 2016 for the construction of the Project.
- 1.1.5 Department of Justice (DoJ) is the Project Proponent. The Architectural Services Department (ArchSD) is the works agent of DoJ. ArchSD will be responsible for project management, contract preparation and site supervision and will consult DoJ at all stages of the Project.
- 1.1.6 Ramboll Hong Kong Limited has been commissioned by the Architectural Service Department, as the Independent Environmental Checker (IEC) to audit the implementation of all mitigation measure and environmental monitoring and audit (EM&A) programme recommended in the Project Profile (PP) (Register No.: PP-535/2016) and to confirm in writing in the monthly audit report full implementation of the measures and EM&A programme in accordance with condition 2.3 of the EP.
- 1.1.7 This is the 15<sup>th</sup> monthly audit report summarising the findings of implementation status of the mitigation measures and EM&A programme under the Project from 1 September 2019 to 30 September 2019.

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1.1.8 The site location of the Project is presented in **Figure 1**.



# 1.2 Project Organization

1.2.1 The contact information of key personnel is summarized in **Table 1.1**. An organization chart is presented in **Appendix B**.

**Table 1.1 Contact information** 

| Party  | Position                                      | <b>Contact Person</b> | Telephone | Fax       |
|--|---|-----------------------|-----------|-----------|
| Department of Justice (DoJ)                  | Project<br>Proponent                          | Carrie Lee            | 2867 4590 | 2520 2601 |
| Architectural Service<br>Department (ArchSD) | Works Agent of<br>DoJ                         | Teresa Leung          | 2867 3964 | 2716 0504 |
| Design 2 (HK) Limited                        | Architectural<br>Consultant                   | William Lai           | 2525 3011 | 2521 8203 |
| Ramboll Hong Kong Limited                    | Independent<br>Environmental<br>Checker (IEC) | Simon Cheung          | 3465 2861 | 3465 2899 |
| Hop Lee Builders Company<br>Limited          | Contractor                                    | Lo Ting Fung          | 6223 5549 | 2356 9167 |

#### 1.3 Construction activities

- 1.3.1 The construction activities undertaken in this reporting month are presented below:
- New disable lift construction:
  - Lift equipment installation
  - Painting works
  - New staircase construction:
  - Welding and painting works
  - New skylight construction:
  - Sub frame installation for glass panel
  - o Glass installation
  - Sump pump pit (LG/F)
  - Concreting of sump pump pit (completed)
- Steel ramp (LG/F)
- Installation of steel ramp frame (completed)
  - o Dog house
  - Cladding installation (in progress)
  - Internal finishing works
  - Timber door installation
  - Timber floor planking installation
- False ceiling installation
- BS installation
- · Excavation works for installation of FS inlet
- 1.3.2 The Construction Programme of the Project is provided in **Appendix C**.



# 2. AIR QUALITY AND NOISE MONITORING

# 2.1 Monitoring Requirement

- 2.1.1 Baseline and Impact monitoring for air quality (1-hr TSP) and noise were required according to the Contract Particular Specification (PS) of the Project.
- 2.1.2 The Baseline Monitoring for Air Quality and Noise was carried out by the Contractor for 14 consecutive days between 16 April 2018 and 29 April 2018 at 4 monitoring locations prior to the commencement of construction works of the Project according to the agreed methodology.
- 2.1.3 The Action and Limit Levels for impact air quality were determined from the baseline air quality monitoring result. The Action and Limit Levels for both impact air quality and noise monitoring are presented in **Table 2.4**.
- 2.1.4 The event and action plans for impact air quality and noise monitoring are presented in **Appendix D.**
- 2.1.5 Impact air quality and noise monitoring were conducted in the reporting month. **Table**2.1 summarizes the details of the parameter, frequency and duration of the monitoring.

Table 2.1 Impact Air Quality and Noise Monitoring Parameters, Frequencies and Durations

| Parameter  | Frequency and Duration  |
|--|---|
| Air Quality  |   |
| 1-hour Total Suspended Particulates (1-hr TSP)         | At least 3 times in every six-days  |
| Noise  |   |
| $L_{\text{Aeq (30 mins)}}\text{, }L_{10}$ and $L_{90}$ | One set of measurement between 0700-1900 hours on normal weekdays (i.e. Monday to Saturday) |

2.1.6 Impact air quality and noise monitoring in this reporting month were conducted on 5, 11, 17, 23 and 28 September 2019.

### 2.2 Monitoring Location

2.2.1 Four locations were proposed as the air quality and noise monitoring stations during the construction phase of the Project. **Table 2.2** summarizes the details of these monitoring stations.

Table 2.2 Locations of Impact Air Quality and Noise Monitoring Stations

| Monitoring Station | Location  | Type of Noise Monitoring<br>Measurement |
|--------------------|---|---|
| A                  | Cheung Kong Park  | Free-field                              |
| В                  | Battery Path  | Free-field                              |
| С                  | North corner of the Project site with the site boundary | Façade                                  |
| D                  | West side of Battery Path                               | Free-field                              |



# 2.3 Monitoring Equipment and Methodology

2.3.1 **Table 2.3** summarizes the equipment used to carry out the impact air quality and noise monitoring. The calibration certificates were checked by IEC in the reporting month.

Table 2.3 Equipment for Impact Air Quality and Noise Monitoring

| Equipment                          | Model/Brand (Serial No.)     | Calibration Certificate Expiry<br>Date |
|------------------------------------|------------------------------|--|
| Air Quality                        |                              |  |
| Portable direct reading dust meter | LD-5R (851817)               | 4 July 2020                            |
| Portable direct reading dust meter | LD-5R (851816)               | 22 August 2020                         |
| Portable direct reading dust meter | LD-5R (851820)               | 22 August 2020                         |
| Portable direct reading dust meter | LD-5R (942532)               | 16 April 2020                          |
| Noise                              |                              |  |
| Sound Level Meter                  | NTi Audio XL2 (A2A-13661-E0) | 9 January 2020                         |
| Sound Level Calibrator             | Rion NC-74 (34504770)        | 22 November 2019                       |
|                                    |                              |  |

2.3.2 The portable direct reading dust meter(s), sound level meter(s) and sound level calibrator(s) were calibrated annually.

### 2.4 Action & Limit Level

2.4.1 The Action and Limit Levels was established in accordance with the approved EM&A Manual. **Table 2.4** presents the Action and Limit Levels for air quality and noise monitoring.

Table 2.4 Action & Limit Level for Air Quality and Noise Monitoring

| Monitoring Station | Action Level                              | Limit Level             |
|--------------------|---|-------------------------|
| Air Quality        | (µg/m³)                                   | (µg/m³ )                |
| Α                  | 296                                       | 500                     |
| В                  | 294                                       | 500                     |
| С                  | 293                                       | 500                     |
| D                  | 295                                       | 500                     |
|                    |   |                         |
| Noise              |   | (Leq (30 mins) , dB(A)) |
| A,B,C,D            | When one documented complaint is received | 75                      |



# 2.5 Monitoring Result

2.5.1 The monitoring results for impact air quality and noise monitoring in the reporting month are summarized in **Table 2.5** and **Table 2.6** respectively.

Table 2.5 Summary of Impact Air Quality Monitoring Results in the Reporting Month

| Monitoring Station | Average, μg/m³ | Range, μg/m³ |
|--------------------|----------------|--------------|
| A                  | 57             | 51 - 63      |
| В                  | 55             | 48 - 65      |
| С                  | 75             | 64 - 88      |
| D                  | 58             | 51 - 70      |

2.5.2 No Action and Limit Level exceedances of 1-hr TSP were recorded at air monitoring stations – A, B, C and D the reporting month.

Table 2.6 Summary of Impact Noise Monitoring Results in the Reporting Month

| Monitoring Station | Average, dB(A) (with free-field correction for A, B and D) |             |                     |             |
|--------------------|--|-------------|---------------------|-------------|
|                    | L <sub>eq</sub> (30 mins)                                  | Leq (5mins) | <b>L</b> 10(5 mins) | L90(5 mins) |
| А                  | 66   | 62 - 64     | 64 - 65             | 60 - 63     |
| В                  | 67   | 62 - 65     | 64 - 68             | 61 - 63     |
| С                  | 67   | 65 - 68     | 67 - 70             | 63 - 65     |
| D                  | 62   | 61 - 64     | 63 - 65             | 59 - 63     |

2.5.3 No Limit Level exceedance of noise was recorded at noise monitoring stations – A, B, C and D in the reporting month.



# 3. ENVIRONEMNTAL SITE INSPECTION AND AUDIT

### 3.1 Site Inspection

- 3.1.1 Site inspections are required to be conducted by IEC on a monthly basis to monitor the implementation of proper environmental pollution control and mitigation measures recommended in the PP of the Project as required in the EP.
- 3.1.2 One site inspection was carried out on 23 September 2019 in the reporting month. The finding(s) of the site inspection are described as below:
  - No major observation was noted during site inspection.
- 3.1.3 Only hand-held power tools and hand-held manual tools were used for carrying out the internal works of the Project.
- 3.1.4 Cultural heritage mitigation measure set out in Sections 2.6 and 2.7 of the Project Profile were implemented in the reporting period.

# 3.2 Advice on the Waste Management Status

- 3.2.1 A billing account for disposal of construction waste was created for the Project on 9 February 2018.
- 3.2.2 The Project was registered as a Chemical Waste Producer on 23 February 2018.
- 3.2.3 According to information provided by the Contractor, 58.18 tonnes of inert C&D materials were disposed in public fill. 27.58 tonnes of other non-inert C&D waste, such as general refuse, were disposed to the Landfill in the reporting month.

#### 3.3 Status of Environmental Licences and Permits

3.3.1 The environmental licenses and permits for the Project that were valid in the reporting month are summarized in **Table 3.1**.

**Table 3.1 Summary of Environmental Licences and Permits** 

| Permit / Licence                                     | Reference No.     | Date of Issue | Valid Thru  | Status |
|--|-------------------|---------------|-------------|--------|
| Environmental<br>Permit                              | EP-518/2016       | 26 Jul 2016   | N/A         | Valid  |
| Notification of<br>Works under APCO                  | 430032            | 24 Jan 2018   | N/A         | Valid  |
| Billing account<br>under Waste<br>Disposal Ordinance | 7030054           | 9 Feb 2018    | N/A         | Valid  |
| Registration as a<br>Chemical Waste<br>Producer      | 5213-123-H3927-01 | 23 Feb 2018   | N/A         | Valid  |
| WPCO Discharge<br>Licence                            | WT00031811-2018   | 8 Oct 2018    | 31 Oct 2023 | Valid  |

#### 3.4 Implementation Status of Mitigation Measures

3.4.1 The implementation status of mitigation measures recommended in the PP is summarized in **Appendix A**.



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# 4. REPORT ON COMPLAINT, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTION

# 4.1 Record of Environmental Complaint Received

4.1.1 No environmental complaint was received in the reporting month.

# 4.2 Record of Environmental Quality Performance Exceedance

- 4.2.1 No Action and Limit Level exceedances of 1-hr TSP were recorded at air monitoring stations A, B, C and D the reporting month.
- 4.2.2 No Action and Limit Level exceedances of noise were recorded at noise monitoring stations A, B, C and D in the reporting month.

# 4.3 Record of Notification of Summons and Successful Prosecution

4.3.1 No notification of summons or successful prosecution was received in the reporting month.

# 4.4 Cumulative Statistics for Complaint, Notification of Summons and Successful Prosecution

4.4.1 Cumulative statistics of complaint, notification of summons and successful prosecution for the period from the date of commencement of construction to end of the reporting month are summarized in **Table 4.1**.

 Table 4.1 Statistics for Complaint, Notification of Summons and Successful Prosecution

|   | Complaints | Notifications of<br>Summons | Successful<br>Prosecution |
|---|------------|-----------------------------|---------------------------|
| Within the reporting month (September 2019)                                 | 0          | 0                           | 0                         |
| From the date of commencement of construction to end of the reporting month | 0          | 0                           | 0                         |



# 5. FUTURE KEY ISSUES

# 5.1 Monitoring Schedule for the Coming Month

5.1.1 The tentative dates of air quality and noise monitoring for next month are 4, 10, 16, 22 and 28 October 2019.

# 5.2 Construction Works for the Coming Month

- 5.2.1 The construction works that are anticipated to be conducted in the coming month include:
- Surface channel & hard paving (external area)
- Steel ramp construction
- · Finishing works
- Timber door installation
- Lift installation
- New staircase construction:
  - Painting works
- New skylight construction:
  - o Glass panel and cladding installation
- Sump pump pit
- Dog house cladding installation
- Internal finishing works
- Ceiling works
- Fixing of timber floor
- Waterproofing works (Dome, parapet wall)

# 5.3 Key Issues for the Coming Month

- 5.3.1 The key environmental issues to be considered in the coming month include:
- Sorting, recycling, storage and disposal of general refuse and C&D waste
- Cover stockpile of silty material to prevent silty surface runoff discharge during rainstorm events

9

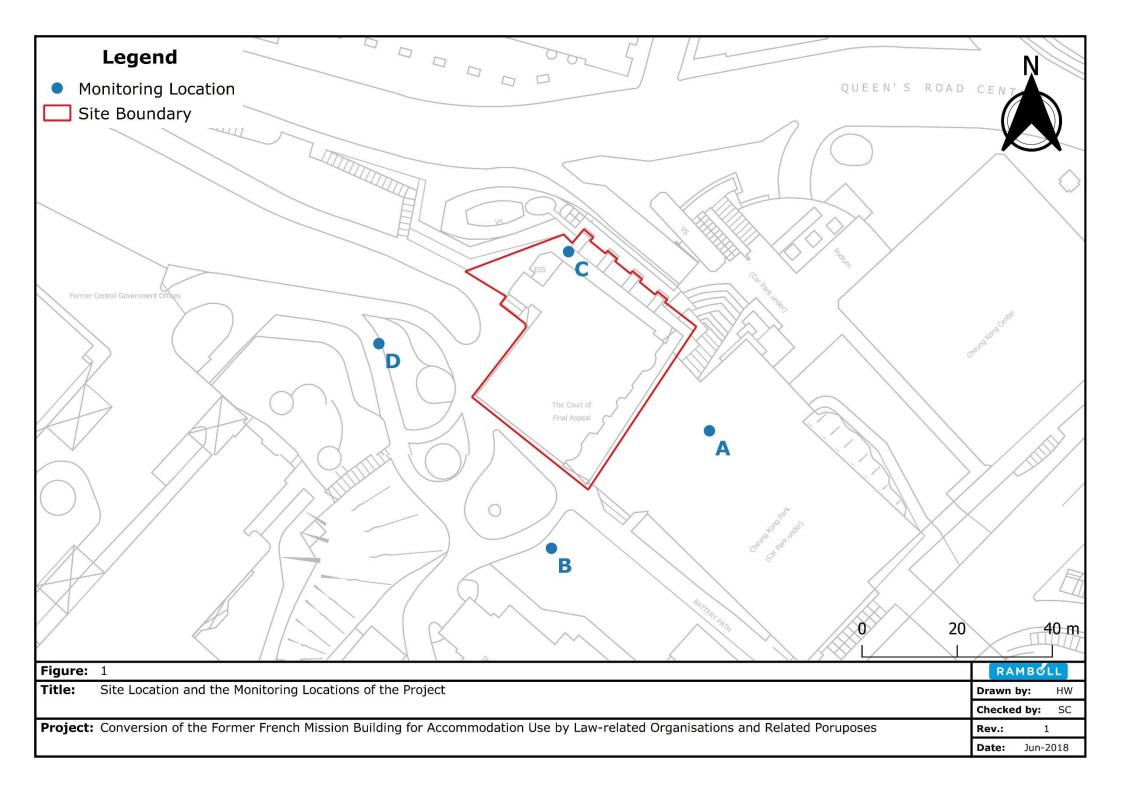


# 6. **CONCLUSION**

#### 6.1 Conclusion

- 6.1.1 The EM&A programme recommended in the PP has been undertaken since 1 July 2018
- 6.1.2 No environmental complaint was received in the reporting month.
- 6.1.3 No Action and Limit Level exceedances of 1-hr TSP were recorded at air monitoring stations A, B, C and D the reporting month.
- 6.1.4 No Action and Limit Level exceedances of noise were recorded at noise monitoring stations A, B, C and D in the reporting month.
- 6.1.5 One site inspection was conducted in the reporting month by IEC, and the implementation of mitigation measures by Contractor as recommended in the PP was audited.
- 6.1.6 No notification of summons or successful prosecution was received in the reporting month.





# Appendix A Summary of Mitigation Measures during Construction



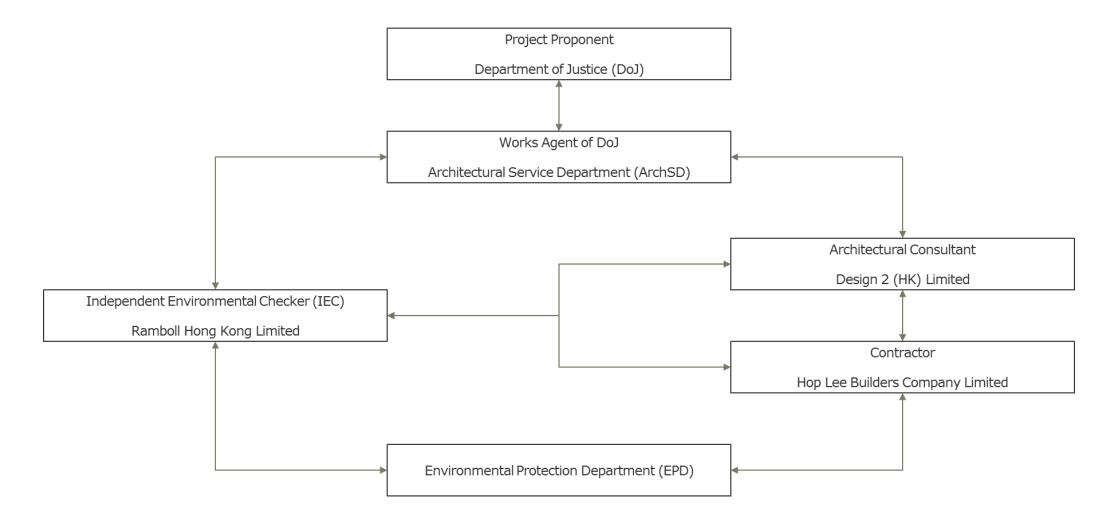
| Reference                    | Potential<br>Environmental Impact | Mitigation Measures   | Implementation Agent |
|------------------------------|-----------------------------------|---|----------------------|
| Project Profile – Appendix G | Construction Noise                | Common noise control measures:  Use of quiet PME with lower sound power levels  Use of temporary noise barriers  Locating noise emitting plants as far as practicable away from sensitive receivers  Define contractual clauses for construction works  No construction works will be carried out during 7 p.m. to 7 a.m. from Monday to Saturday and any time on Sundays and General Holidays  General Site practices:  Only well-maintained plant should be operated on-site and plant should be serviced regularly  Silencers or mufflers on construction equipment should be utilised and should be properly maintained  Mobile plant should be sited as far away from NSRs as possible  PME that may be in intermittent use should be shut down between works periods or should be throttled down to a minimum level  Plant known to emit noise strongly in one direction should, wherever possible, be orientated so that the noise is directed away from the nearby NSRs  Material stockpiles and other structures should be effectively utilised, wherever practicable, in screening noise from on-site construction works  The schedule and location of noisy construction works of the Project should be well coordinated on site in order to minimise cumulative construction noise impact | Contractor           |
| Project Profile – Appendix G | Construction Dust                 | Implement dust control and suppression measures stipulated in the Air Pollution Control (Construction Dust) Regulation: Regular water spraying of exposed surfaces Covering dusty material stockpiles with tarpaulin sheet Erection of hoarding Provision of covers for all trucks  | Contractor           |
| Project Profile – Appendix G | Waste Management                  | Implement good waste management plan and practices on minimising, handling and disposal of waste:  Handle, store and dispose of all wastes in accordance with the Waste Disposal Ordinance  | Contractor           |

# Appendix A Summary of Mitigation Measures during Construction

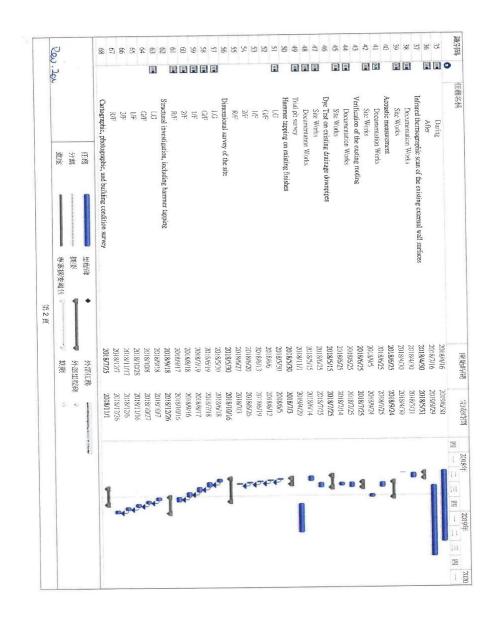


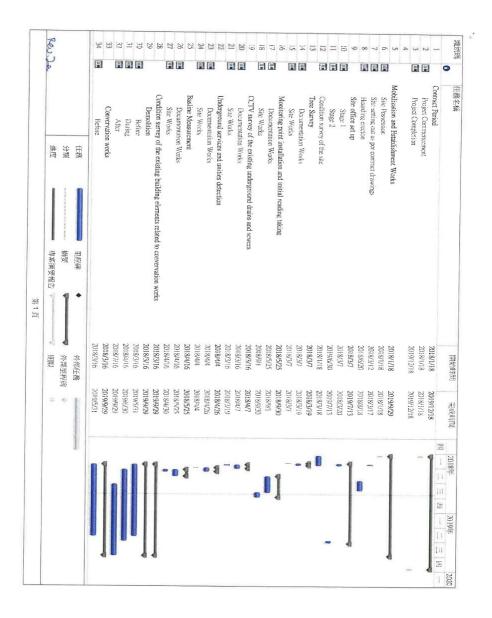
| Reference   | Potential<br>Environmental Impact | Mitigation Measures  | Implementation Agent |
|---|-----------------------------------|--|----------------------|
|   |                                   | <ul> <li>Handle, store and dispose of asbestos waste in accordance with all Codes of Practice regarding asbestos<br/>works issued pursuant to Section 37 of the APCO</li> </ul>          |                      |
|   |                                   | <ul> <li>Store general refuse in enclosed bins or compaction units separate from C&amp;D materials and chemical<br/>wastes</li> </ul>  |                      |
|   |                                   | <ul> <li>Employ a reputable waste collector to collect and dispose of general refuse from the site on a daily or<br/>every second day basis</li> </ul>                                   |                      |
|   | Water Quality                     | Adopt site practices outlined in ProPECC PN 1/94 "Construction Site Drainage":  - Provide sand/silt removal facilities to remove sand/silt particles from runoff                         |                      |
|   |                                   | Inspect and maintain all drainage facilities and erosion and sediment control structures   |                      |
|   |                                   | Clean all vehicles and plant before leaving the construction site  |                      |
| Project Profile – Appendix G  |                                   | <ul> <li>Cover open stockpiles of construction materials or construction wastes on-site with tarpaulin or similar<br/>fabric during rainstorms</li> </ul>                                | Contractor           |
|   |                                   | <ul> <li>Adopt good site practices to remove rubbish and litter from construction site to prevent them from<br/>entering public sewers or drains</li> </ul>                              |                      |
|   |                                   | Deploy temporary sanitary facilities   |                      |
|   | Landscape and Visual<br>Impact    | Landscape Impact:  |                      |
|   |                                   | <ul> <li>Monitoring and inspection will be carried out for landscape resources during construction period</li> </ul>   |                      |
| Project Profile – Appendix G  |                                   | Suitable tree protection will be provided  | Contractor           |
|   |                                   | Visual Impact:   |                      |
|   |                                   | <ul> <li>Decorative hoarding and scaffolding could be used to soften the visual impact</li> </ul>  |                      |
| Environmental Permit – Condition<br>2.3 and Project Profile – S 4.1.3 | Cultural Heritage                 | Only hand-held power tools and hand-held manual tools shall be used for carrying out the internal works of the Project.  | Contractor           |
| Project Profile – S 6.2.1.3   |                                   | Mitigation measure set out in Sections 2.6 and 2.7 of the Project Profile are implemented. Character Defining Elements are persevered, repaired or reinstated with minimum intervention. | Contractor           |



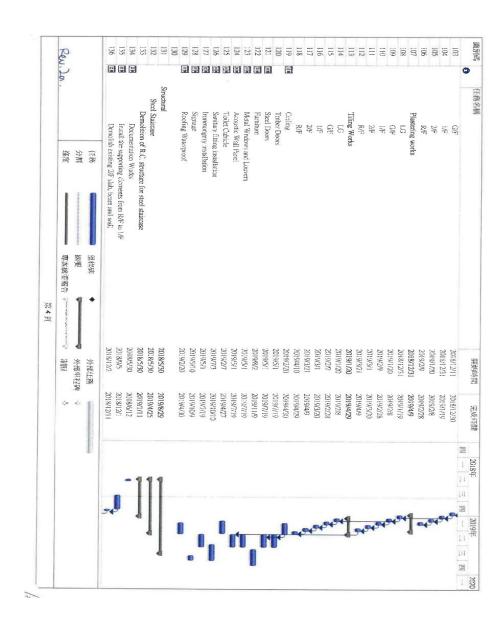


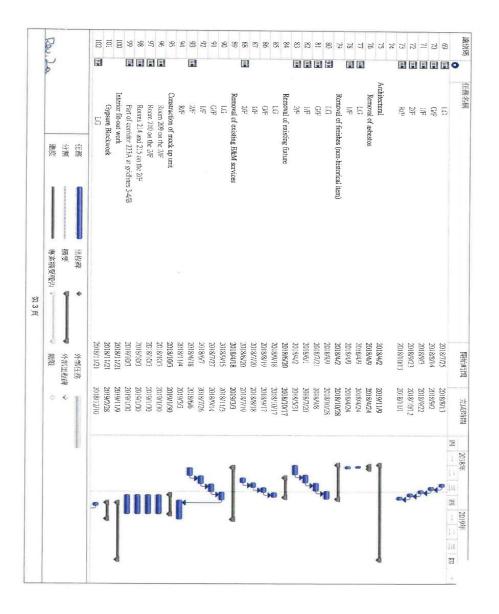




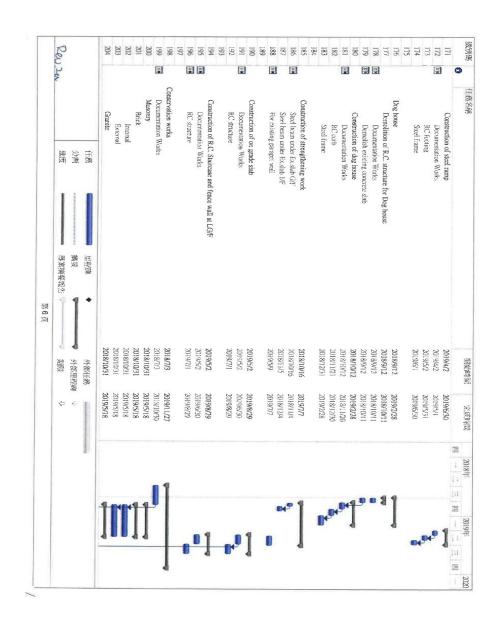


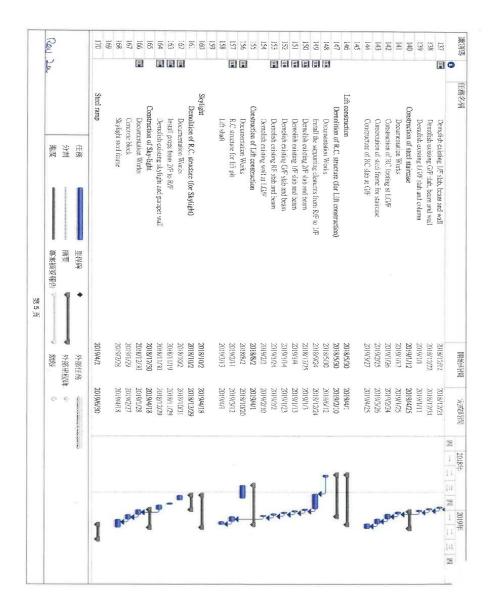




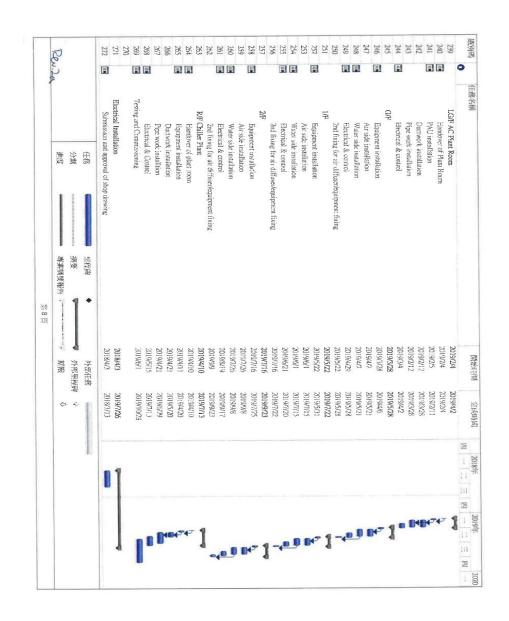


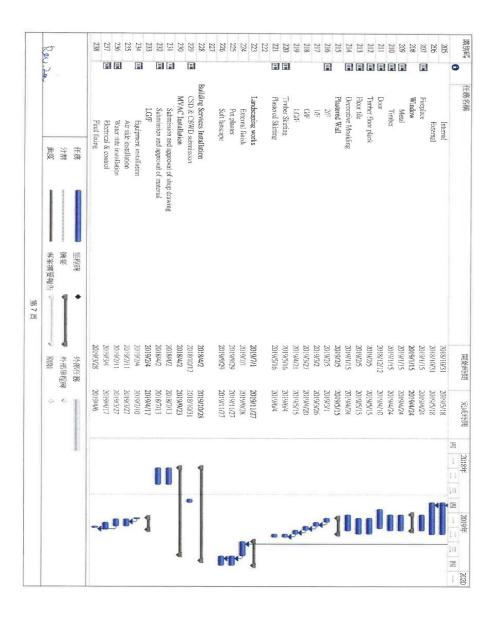




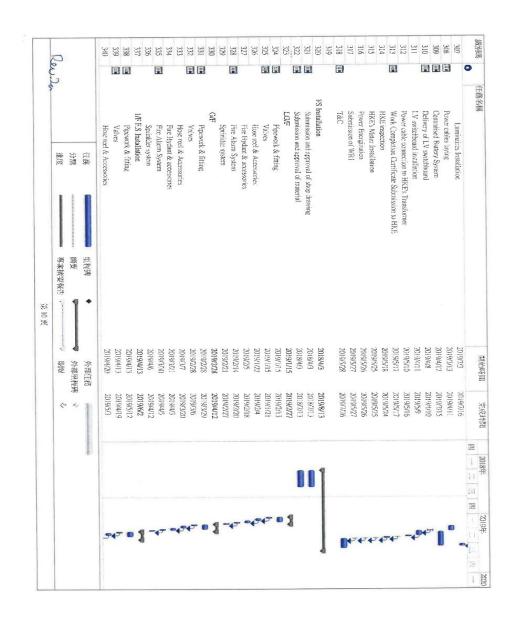


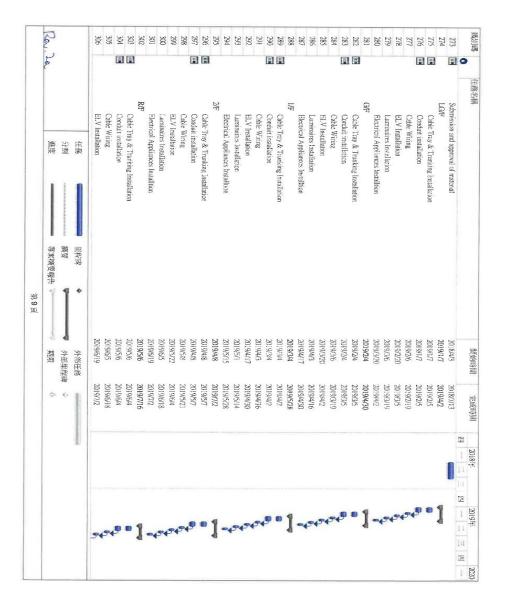




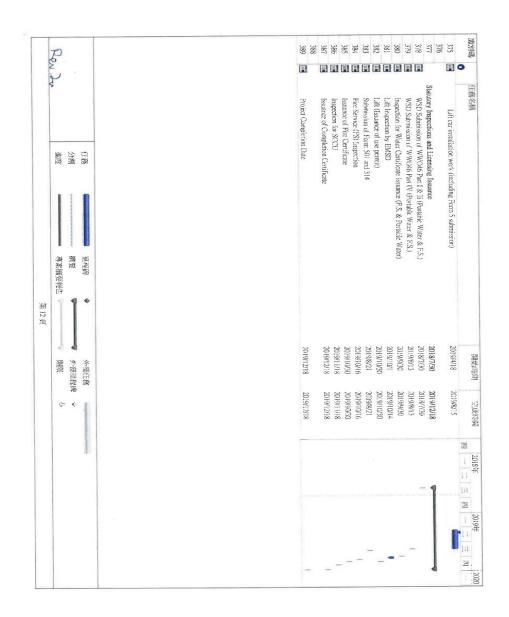


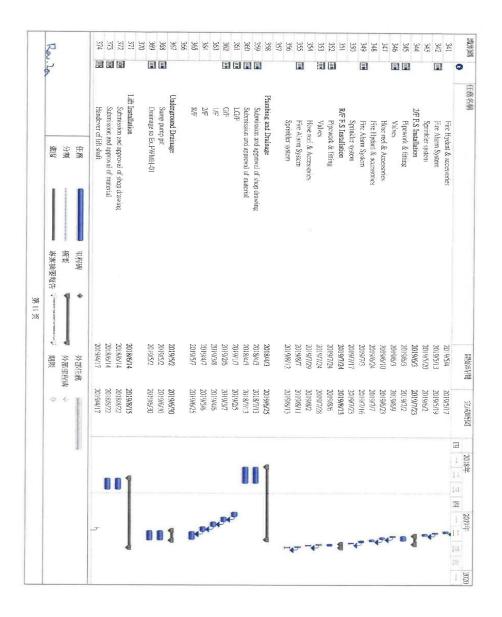














| Event        | Action   |  |  |  |  |
|--------------|--|--|--|--|--|
| Air Quality  |  |  |  |  |  |
| Action Level | <ul> <li>Step 1</li> <li>Identify source and check monitoring data and working method.</li> <li>Step 2</li> <li>Notify IEC, Beam Consultant and Architectural Consultant to discuss and implement remedial action;</li> <li>Rectify any unacceptable practice;</li> <li>Amend working methods if appropriate;</li> <li>If exceedance continues, commence additional monitoring.</li> <li>Step 3</li> </ul> |  |  |  |  |
|              | <ul> <li>Report the results of investigation to IEC, Beam Consultant and Architectural Consultant and notify them following correction of the situation;</li> <li>Cease additional monitoring if exceedance stops.</li> </ul>  |  |  |  |  |
|              | Step 1   |  |  |  |  |
|              | <ul> <li>Identify source and check monitoring data and working method;</li> <li>Notify IEC, Beam Consultant and Architectural Consultant check monitoring data working methods;</li> <li>Repeat measurement to confirm finding;</li> <li>If exceedance continues, commence additional monitoring.</li> </ul>   |  |  |  |  |
|              | Step 2   |  |  |  |  |
| Limit Level  | <ul> <li>Take immediate action to avoid further exceedance;</li> <li>Submit proposal for remedial actions to clients/project manager within 3 working days;</li> <li>Implement the agreed proposal;</li> <li>If exceedance continues, amend and resubmit the proposal.</li> </ul>  |  |  |  |  |
|              | Step 3   |  |  |  |  |
|              | <ul> <li>Notify IEC, Beam Consultant and Architectural Consultant following correction of the situation;</li> <li>Submit proposal for remedial actions to clients/project manager within 3 working days;</li> <li>Cease additional monitoring if exceedance stops.</li> </ul>  |  |  |  |  |



| Event        | Action   |  |  |  |
|--------------|--|--|--|--|
| Noise        |  |  |  |  |
| Action Level | <ul> <li>Contractor Environmental Officer</li> <li>Identify source;</li> <li>Repeat measurement to confirm findings;</li> <li>Notify IEC, Beam Consultant and Architectural Consultant site agent of exceedance carry out investigation;</li> <li>Increase monitoring frequency to check mitigation effectiveness.</li> <li>Contractor Site Agent</li> <li>Notify IEC, Beam Consultant and Architectural Consultant identification of the exceedance;</li> <li>Submit noise mitigation proposals to Beam Consultant and Architectural Consultant;</li> <li>Implement agreed noise mitigation proposals within time scale agreed with IEC, Beam Consultant and Architectural Consultant;</li> <li>If exceedance continues, commence additional monitoring.</li> <li>ArchSD</li> <li>Require Contractor to propose remedial measures;</li> </ul> |  |  |  |
|              | <ul> <li>Require Contractor to propose remedial measures;</li> <li>Ensure remedial measures are properly implemented;</li> <li>Assess the effectiveness of mitigation measure.</li> </ul>  |  |  |  |
| Limit Level  | <ul> <li>Environmental Officer</li> <li>Identify source;</li> <li>Repeat measurement to confirm findings;</li> <li>Notify Beam Consultant and Architectural Consultant and site agent of exceedance carry out investigation;</li> <li>Increase monitoring frequency;</li> <li>Assess effectiveness of remedial actions and keep site agent informed of results;</li> <li>Commence additional monitoring;</li> <li>If exceedance continues, commence additional monitoring.</li> </ul>  |  |  |  |
|              | <ul> <li>Contractor Site Agent</li> <li>Notify IEC, Beam Consultant and Architectural Consultant of exceedance;</li> <li>Take immediate action to avoid further exceedance;</li> <li>Implement agreed noise mitigation proposals within time scale agreed with IEC, Beam Consultant and Architectural Consultant;</li> <li>If exceedance continues, commence additional monitoring;</li> <li>Submit investigation report concerning exceedance within 3 working days to client;</li> <li>Submit proposals for remedial actions to Client;</li> <li>Implement agreed proposals within the time scale as agreed with client;</li> <li>Stop the relevant portion of works until exceedance is abated.</li> </ul>  |  |  |  |
|              | Require Contractor to propose mitigation measures for analysed noise problem;     If exceedance continues, arrange meeting with Contractor to determine what to determine what portion of work is responsible for the exceedance;  |  |  |  |
|              | <ul> <li>Instruct Contractor to stop that portion of work if no other mitigation measures can be implemented<br/>until the exceedance is abated.</li> </ul>  |  |  |  |